

IN THE CLAIMS:

Please cancel Claims 1 to 117 without prejudice or disclaimer of subject matter. Please add new Claims 118 to 142 as shown below. The claims, as pending in the subject application, read as follows:

1. to 117. (Cancelled)

118. (New) A data processing apparatus comprising a library for storing a plurality of filters and a processor for processing a computer program stored on a computer-readable storage medium, wherein said processor executes, by processing the computer program, the following steps:

a selecting step for selecting a plurality of desired filters from said library based on a user instruction;

a correcting step for correcting user interface control objects written in a markup language, by using the plurality of desired filters in a user-desired processing order; and

a generating step for generating display data for displaying information of the plurality of desired filters in a display apparatus, by interpreting the user interface control objects corrected in said correcting step.

119. (New) The data processing apparatus according to claim 118, wherein, in said correcting step, said processor adds codes of the plurality of desired filters to the user interface control objects in the user-desired processing order.

120. (New) The data processing apparatus according to claim 119, wherein, in said correcting step, said processor changes the codes of a previously added filter when said processor adds the codes of the plurality of desired filters to the user interface control objects.

121. (New) The data processing apparatus according to claim 118, wherein the information of the plurality of desired filters is displayed based on the user-desired processing order when the display data is outputted to the display apparatus.

122. (New) The data processing apparatus according to claim 118, wherein the user interface control objects include codes for displaying a data input interface, wherein a user inputs data to the plurality of desired filters via the data input interface.

123. (New) The data processing apparatus according to claim 118, wherein the user interface control objects include codes for setting a display of the information of the plurality of desired filters.

124. (New) The data processing apparatus according to claim 118, wherein the plurality of desired filters includes a toolbar filter for displaying the information of another filter on a toolbar, and wherein, in said correcting step, said processor corrects the user interface control objects for displaying the information of the other filter on the toolbar.

125. (New) The data processing apparatus according to claim 118, wherein the plurality of desired filters includes a filter for search data based on a search target inputted by a user.

126. (New) The data processing apparatus according to claim 118, wherein the plurality of desired filters includes a display filter for displaying input data on the data display area.

127. (New) The data processing apparatus according to claim 118, wherein the plurality of desired filters includes a printer filter for outputting appropriate data for a printer based on a functionality of the printer.

128. (New) The data processing apparatus according to claim 118, wherein the plurality of desired filters includes a help filter for providing help information.

129. (New) The data processing apparatus according to claim 118, wherein the markup language is XML.

130. (New) A data processing method for controlling a data processing apparatus having a library for storing a plurality of filters, the method comprising:

a selecting step for selecting a plurality of desired filters from said library based on a user instruction;

a correcting step for correcting user interface control objects written in a markup language, by using the plurality of desired filters in a user-desired processing order; and

a generating step for generating display data for displaying information of the plurality of desired filters in a display apparatus, by interpreting the user interface control objects corrected in said correcting step.

131. (New) The data processing method according to claim 130, wherein, in said correcting step, codes of the plurality of desired filters are added to the user interface control objects in the user-desired processing order.

132. (New) The data processing method according to claim 131, wherein, in said correcting step, the codes of a previously added filter are changed when the codes of the plurality of desired filters are added to the user interface control objects.

133. (New) The data processing method according to claim 130, wherein the information of the plurality of desired filters is displayed based on the user-desired processing order when the display data is outputted to the display apparatus.

134. (New) The data processing method according to claim 130, wherein the user interface control objects include codes for displaying a data input interface, and wherein a user inputs data for the plurality of desired filters via the data input interface.

135. (New) The data processing method according to claim 130, wherein the user interface control objects include codes for setting a display of the information of the plurality of desired filters.

136. (New) The data processing method according to claim 130, wherein the plurality of desired filters includes a toolbar filter for displaying the information of another filter on a toolbar, and wherein, in said correcting step, the user interface control objects are corrected for displaying the information of the other filter on the toolbar.

137. (New) The data processing method according to claim 130, wherein the plurality of desired filters includes a filter for search data based on a search target inputted by a user.

138. (New) The data processing method according to claim 130, wherein the plurality of desired filters includes a display filter for displaying input data on the data display area.

139. (New) The data processing method according to claim 130, wherein the plurality of desired filters includes a printer filter for outputting appropriate data for a printer based on a functionality of the printer.

140. (New) The data processing method according to claim 130, wherein the plurality of desired filters includes a help filter for providing help information.

141. (New) The data processing method according to claim 130, wherein the markup language is XML.

142. (New) A computer-readable storage medium storing processor-implementable instructions for controlling a processor to carry out:

a selecting step for selecting a plurality of desired filters from a library based on a user instruction, the library storing a plurality of filters;

a correcting step for correcting user interface control objects written in a markup language, by using the plurality of desired filters in a user-desired processing order; and

a generating step for generating display data for displaying information of the plurality of desired filters in a display apparatus, by interpreting the user interface control objects corrected in said correcting step.